

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 61-244630 (71)Applicant : SEIKO EPSON CORP

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(54) LIQUID CRYSTAL PANEL

(57)Abstract:

PURPOSE: To obviate the influence of electric signals of wirings on picture element electrodes as noise by forming shielding films between the picture element electrodes and the wirings to shield the wirings.

CONSTITUTION: Polysilicon thin film transistors are formed as switching elements on a glass substrate 1. The picture element electrodes 20, the wirings 21 and the shielding films 31 are disposed to a matrix shape. The wirings 21 are held covered with the films 31 so that the electrical fluctuation of the wirings 21 does not affect the picture element electrodes 20. The electrical fluctuation refers to a voltage change for the purpose of driving a liquid crystal conforming to a display image signal and is a voltage change by the AC inversion of the signal to be generally executed to extend the life of the liquid crystal. The conductive shielding films are fixed at a specified potential in the above-mentioned manner and the wirings 21 are electrically shielded by the shielding wires 31; therefore, the no influences are exerted to the picture element electrodes 20 even if the potential of the wirings 21 is changed by the above- mentioned signals.

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